


SWBAT

measure x & y speeds
for projectiles

Sep 4-7:31 AM

SECA CP Physics
Monday 7 December 2015

Welcome!!!



H. Leslie Grebe
Room C-244

*Centering
(jokes)*


- Show me you are passing on SchoolView, or secure phone!

Opening Activity - Quick Write!

What does speed mean?
HOW FAR DOES SOMETHING GO IN A CERTAIN TIME

What's the formula?
$$\frac{\text{DISTANCE}}{\text{TIME}}$$

What are the units?
mph, km/hr, m/s



Sep 7-7:04 AM

The Challenge: **By Tue 11/24**

- Finish gravity packet
- Finish Toy Popper questions
- Create a class set of free fall UAM problems with solutions

The Reward - Ice cream and root beer!

Nov 20-8:27 AM

ICE CREAM ELIGIBLE: 3/4		
<u>6⁵ SOLUTIONS</u>	<u>GRAVITY PACKET</u>	<u>TOY POPPER</u> 1-4 3/4
LA DONNA	✓	✓
BRANDON		
ALEX	✓	✓
SHAYA	✓	✓
NANCY		
JENN		

Dec 1-9:46 AM

What we should have solid:

- Memorize our 5 vocab ^{SPEED} cards, units, vector or not, definition, formula
- Be able to answer distance vs displacement questions
- Be able to make measurements of real-life motion. Know what is likely to make timing things difficult and how to get more reliable timing results
- Be able to convert between miles and meters, between hours, minutes, and seconds
- Be able to calculate speed = dist/time and velocity = disp/time
- Know what all of the symbols in the UAM equations stand for and mean
- Be able to turn a UAM word problem into a list of knowns and unknowns
- Be able to pick the equation with those 4 things in it
- Be able to put the knowns into that equation
(Be able to solve for the unknown)

QW every day to review? Volunteer answers on board?

Dec 4-9:15 AM

Homework DUE WED 12/9

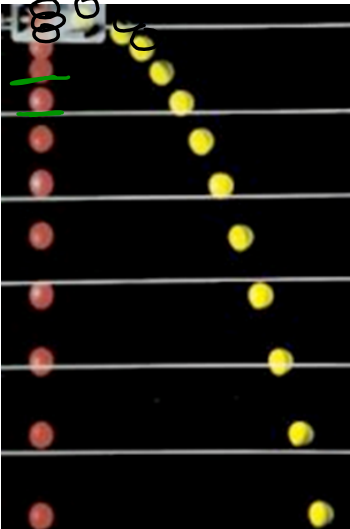
- * FP: Introduction to Projectile Motion - pg 43
- * FP: An Introductory **Projectile Motion Problem** with an Initial Horizontal Velocity - **Part 1** of 2 - pg 45

Dec 7-8:20 AM

InterActive Notebook - Table of Contents			
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Sep 5-9:09 AM

PROJECTILES LAUNCHED



SPEED: y VERTICAL

$$\frac{\text{FR}}{\text{I}} = \frac{.1}{.5}$$

SPEED: x HORIZONTAL

$$\frac{\text{MON}}{\text{I}} = \frac{.10}{.15} = .1$$

SAME

SPEED = DIST / TIME

SIDEWAYS x HORIZONTAL

UP/DOWN y VERTICAL

Dec 2-8:36 AM